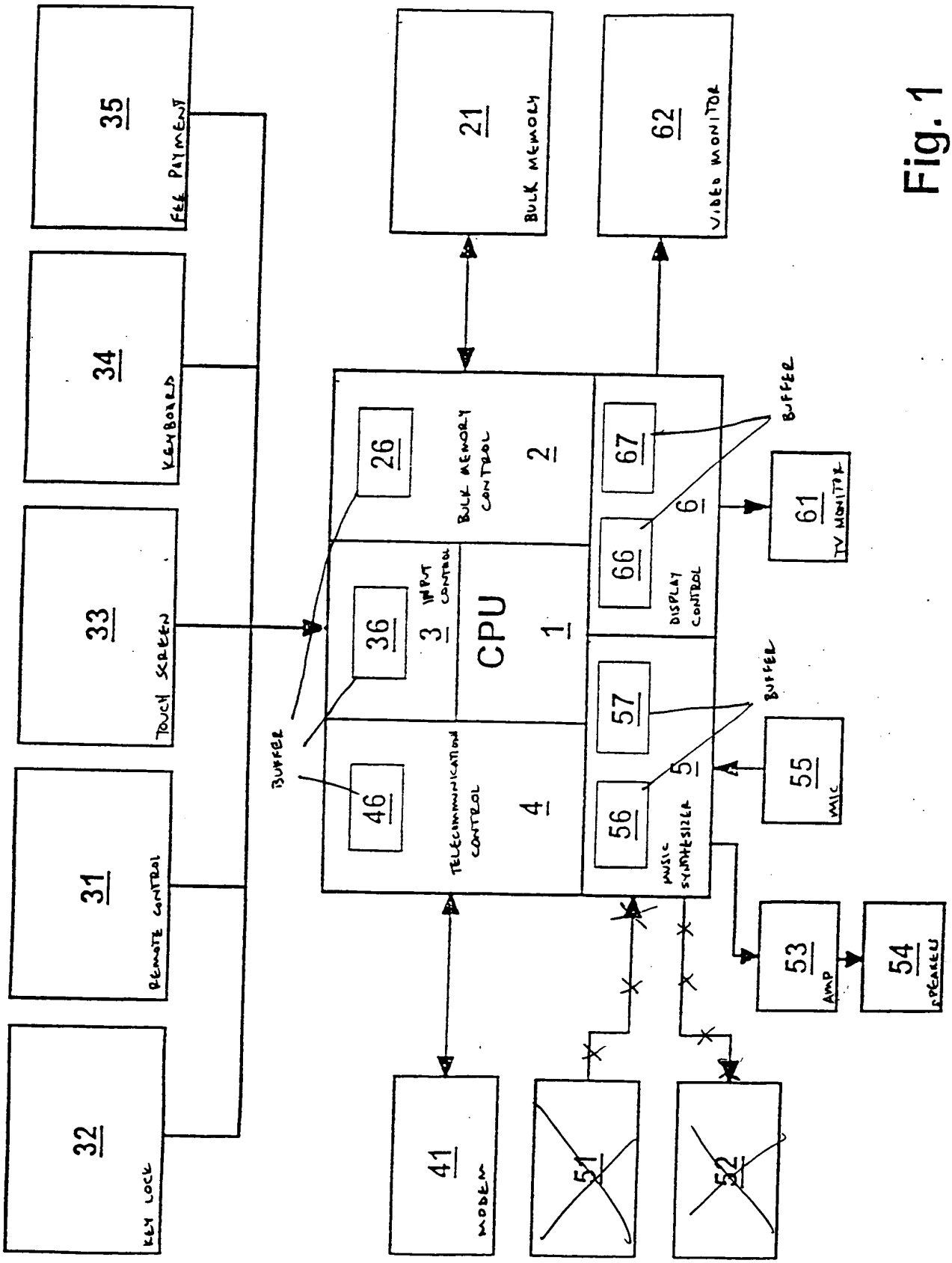

35
FEE PAYMENT
34
KEYBOARD
33
TOUCH SCREEN
31
REMOTE CONTROL
32
KEY LOCK
21
BULK MEMORY
62
VIDEO MONITOR
BULK MEMORY CONTROL
2
26
CPU
1
3
INPUT CONTROL
36
TELECOMMUNICATION CONTROL
4
46
DISPLAY CONTROL
6
67
66
61
TV MONITOR
BUFFER
MUSIC SYNTHESIZER
5
57
56
55
MIC
53
AMP
54
SPEAKER
41
MODEM
51
52

Fig. 1

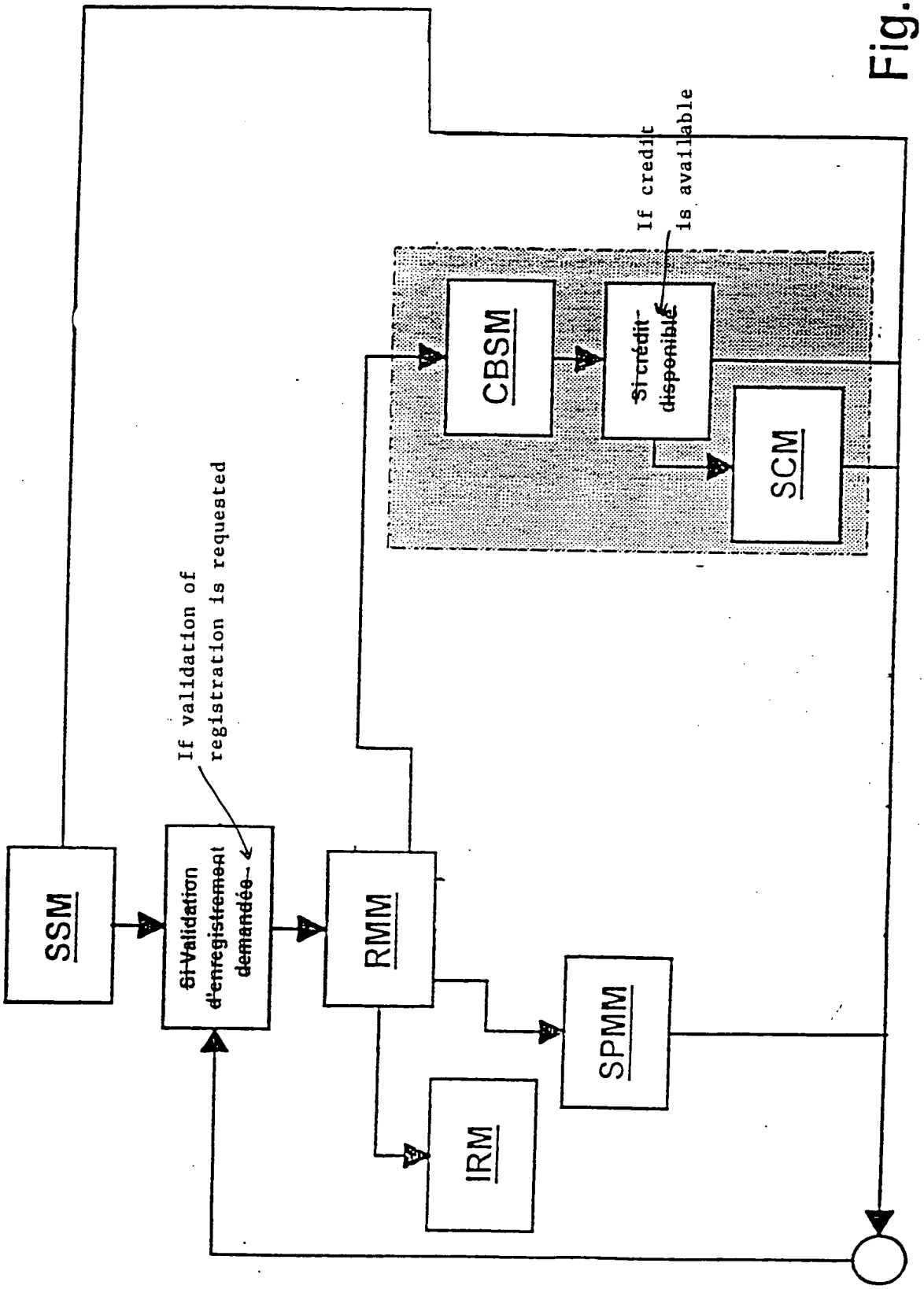

SSM
Si Validation d'enregistrement demandée
If validation of registration is requested
RMM
CBSM
Si crédit disponible
If credit is available
SCM
SPMM
IRM

Fig.2

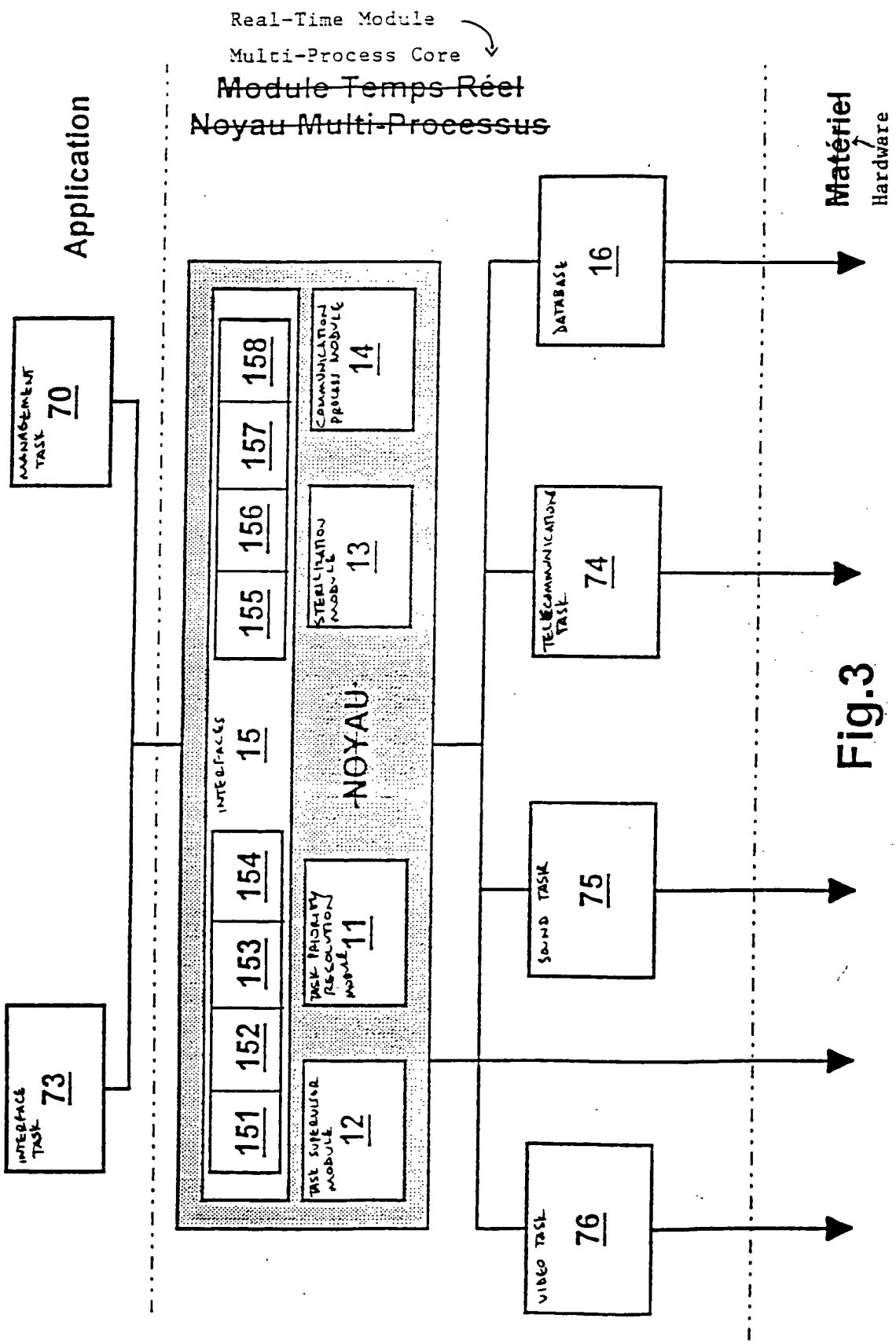

Real-Time Module
Multi-Process Core
Module Temps Réel
Noyau Multi-Processus
Application
Matériel
Hardware
MANAGEMENT TASK 70
INTERFACE TASK 73
INTERFACES 15
151
152
153
154
155
156
157
158
TASK SUPERVISOR MODULE 12
TASK PRIORITY RECOGNITION MODULE 11
NOYAU
COMMUNICATION PROCESS MODULE 14
STERILISATION MODULE 13
DATABASE 16
TELECOMMUNICATION TASK 74
SOUND TASK 75
VIDEO TASK 76

Fig.3

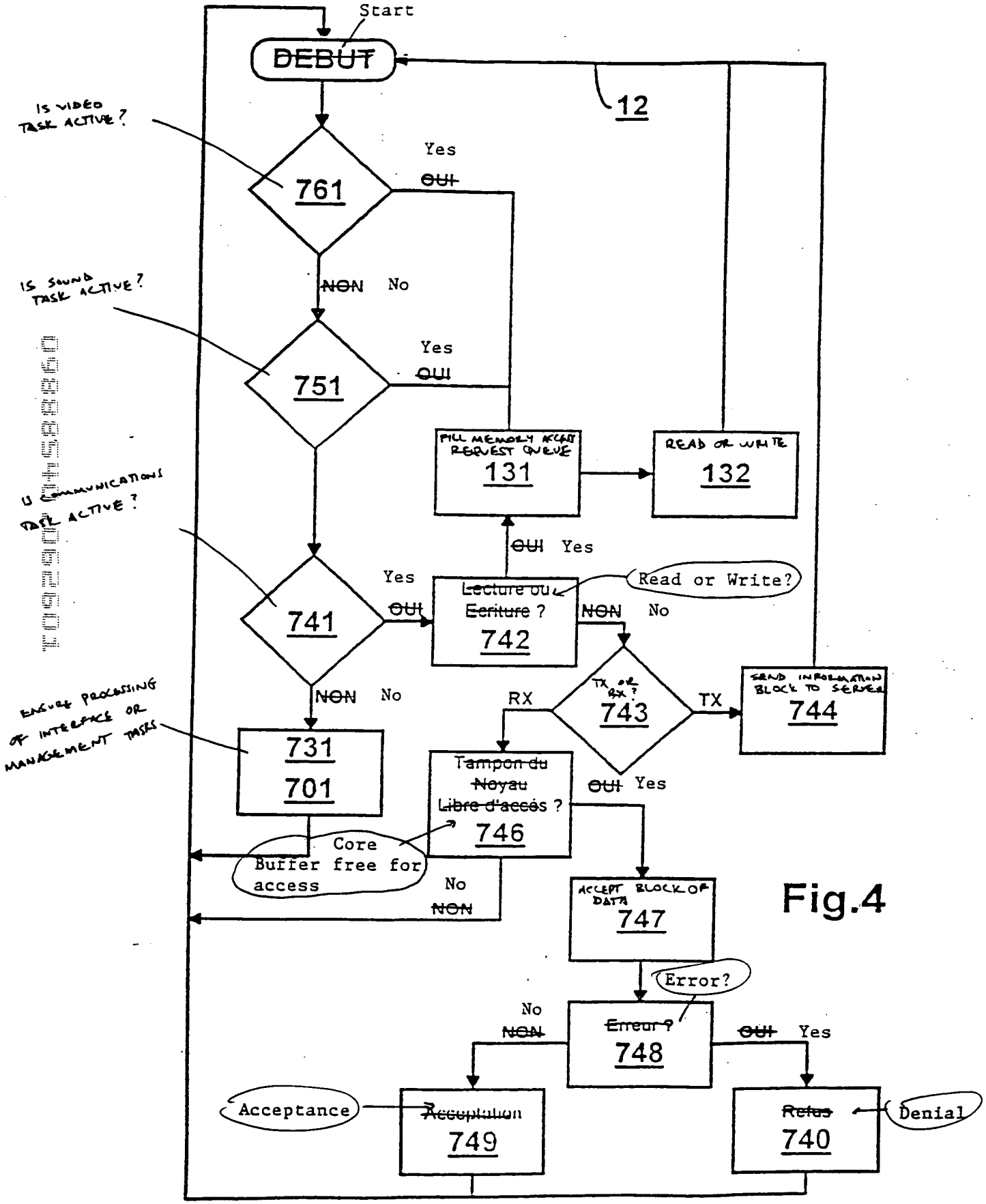

Start
DEBUT
12
IS VIDEO TASK ACTIVE ?
761
Yes
OUI
NON
No
IS SOUND TASK ACTIVE ?
751
Yes
OUI
FILL MEMORY ACCESS REQUEST QUEUE
131
READ OR WRITE
132
IS COMMUNICATIONS TASK ACTIVE ?
741
Yes
OUI
Lecture ou Ecriture ?
742
Read or Write?
OUI Yes
NON
No
ENSURE PROCESSING OF INTERFACE OR MANAGEMENT TASKS
731
701
NON
No
TX OR RX ?
743
RX
TX
SEND INFORMATION BLOCK TO SERVER
744
Tampon du Noyau Libre d'accès ?
746
OUI
Yes
Core Buffer free for access
No
NON
ACCEPT BLOCK OF DATA
747
Error?
Erreur ?
748
No
NON
OUI
Yes
Acceptance
Acceptation
749
Refus
740
Denial

Fig.4

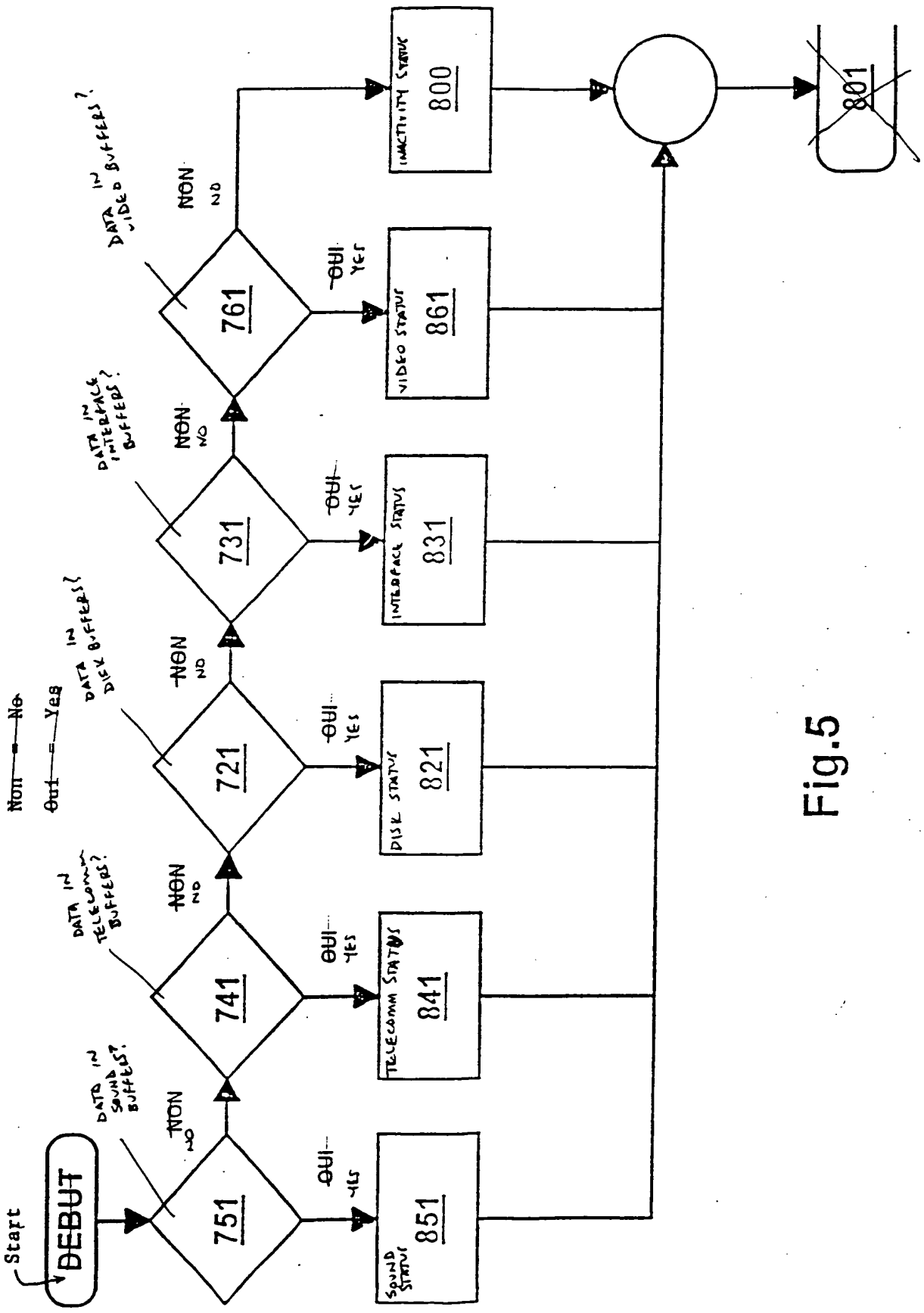

Start
DEBUT
DATA IN SOUND BUFFERS?
751
OUI YES
NON NO
SOUND STATUS
851
DATA IN TELECOMM BUFFERS?
741
OUI YES
NON NO
TELECOMM STATUS
841
DATA IN DISK BUFFERS?
721
OUI YES
NON NO
DISK STATUS
821
DATA IN INTERFACE BUFFERS?
731
OUI YES
NON NO
INTERFACE STATUS
831
DATA IN VIDEO BUFFERS?
761
OUI YES
NON NO
VIDEO STATUS
861
INACTIVITY STATUS
800
801
Non = No
Oui = Yes

Fig.5

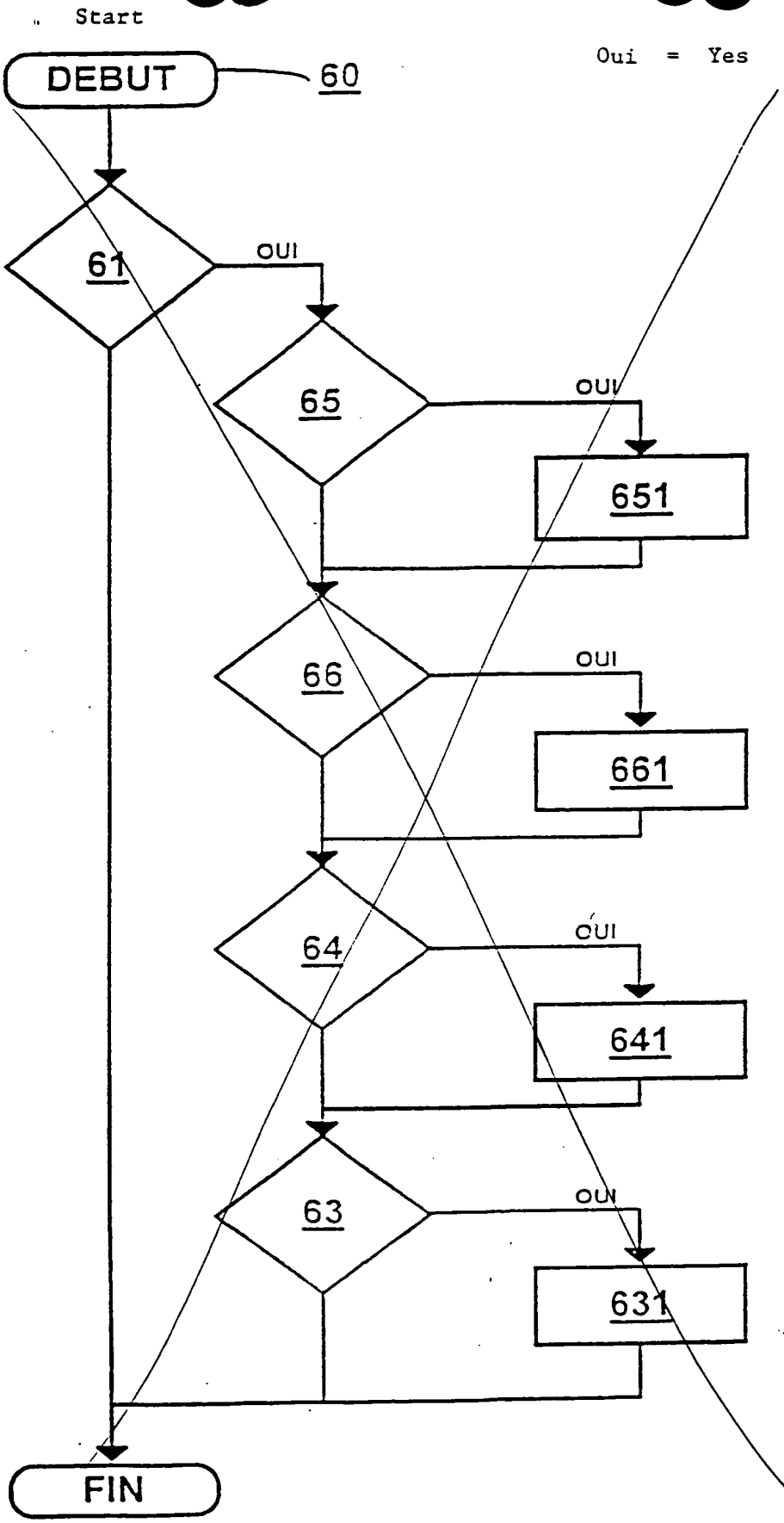

Start
Oui = Yes
DEBUT
60
61
OUI
65
OUI
651
66
OUI
661
64
OUI
641
63
OUI
631
FIN

Fig.6

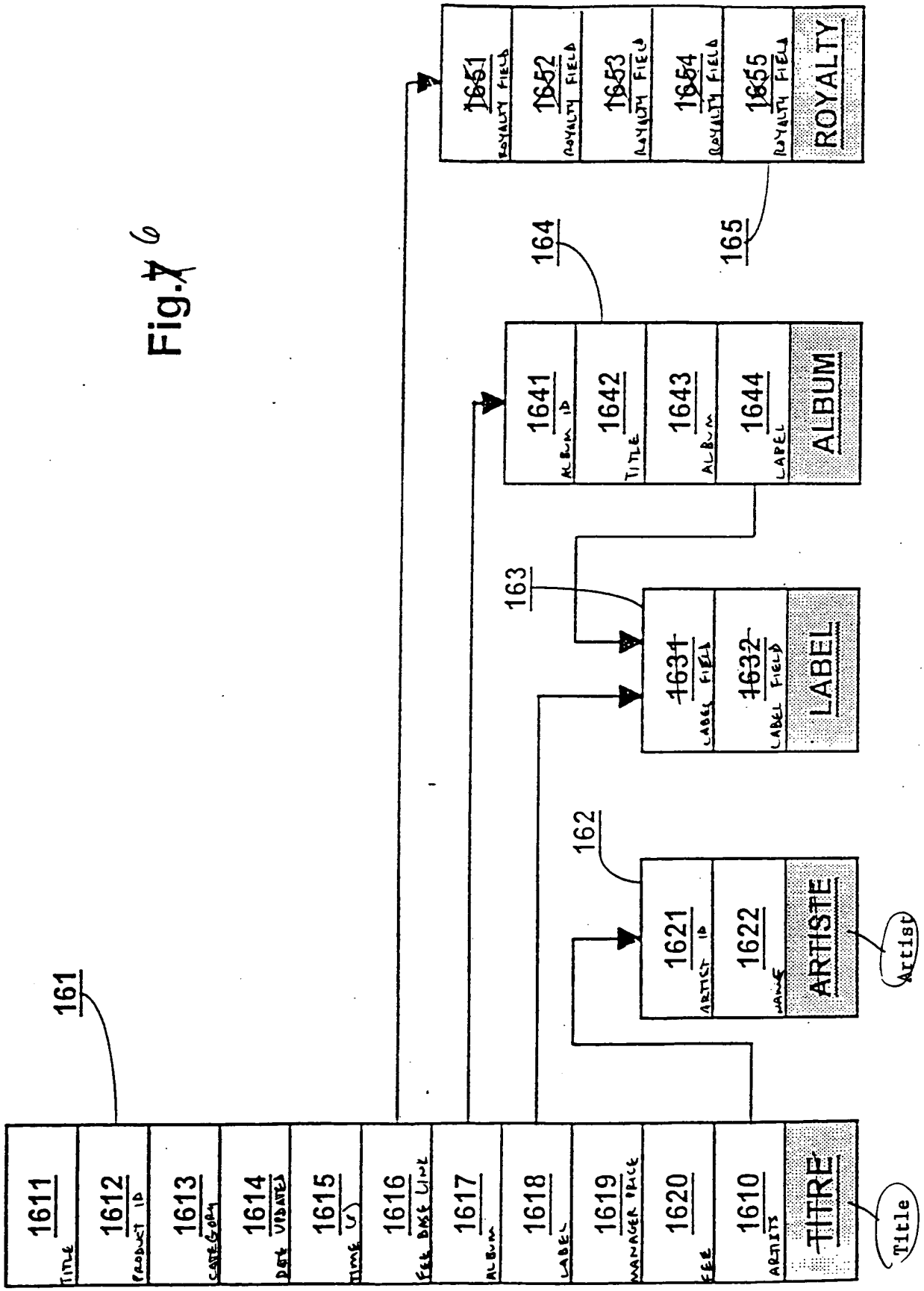

161
1611 TITLE
1612 PRODUCT ID
1613 CATEGORY
1614 DATE UPDATED
1615 TIME (S)
1616 FEE DATE TIME
1617 ALBUM
1618 LABEL
1619 MANAGER PRICE
1620 FEE
1610 ARTISTS
TITRE
Title
162
1621 ARTIST ID
1622 NAME
ARTISTE
Artist
163
1631 LABEL FIELD
1632 LABEL FIELD
LABEL
164
1641 ALBUM ID
1642 TITLE
1643 ALBUM
1644 LABEL
ALBUM
165
1651 ROYALTY FIELD
1652 ROYALTY FIELD
1653 ROYALTY FIELD
1654 ROYALTY FIELD
1655 ROYALTY FIELD
ROYALTY

Fig.6

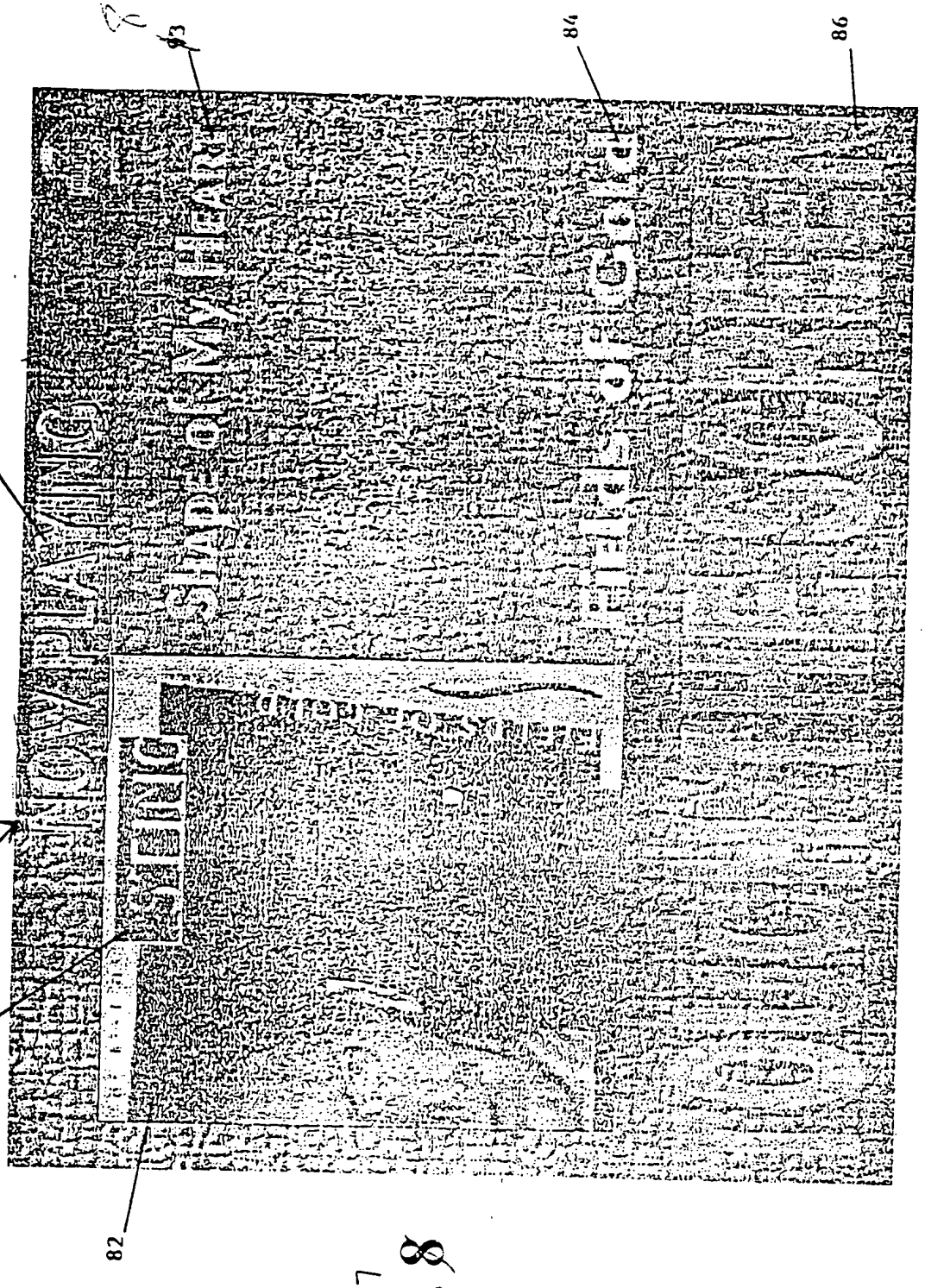


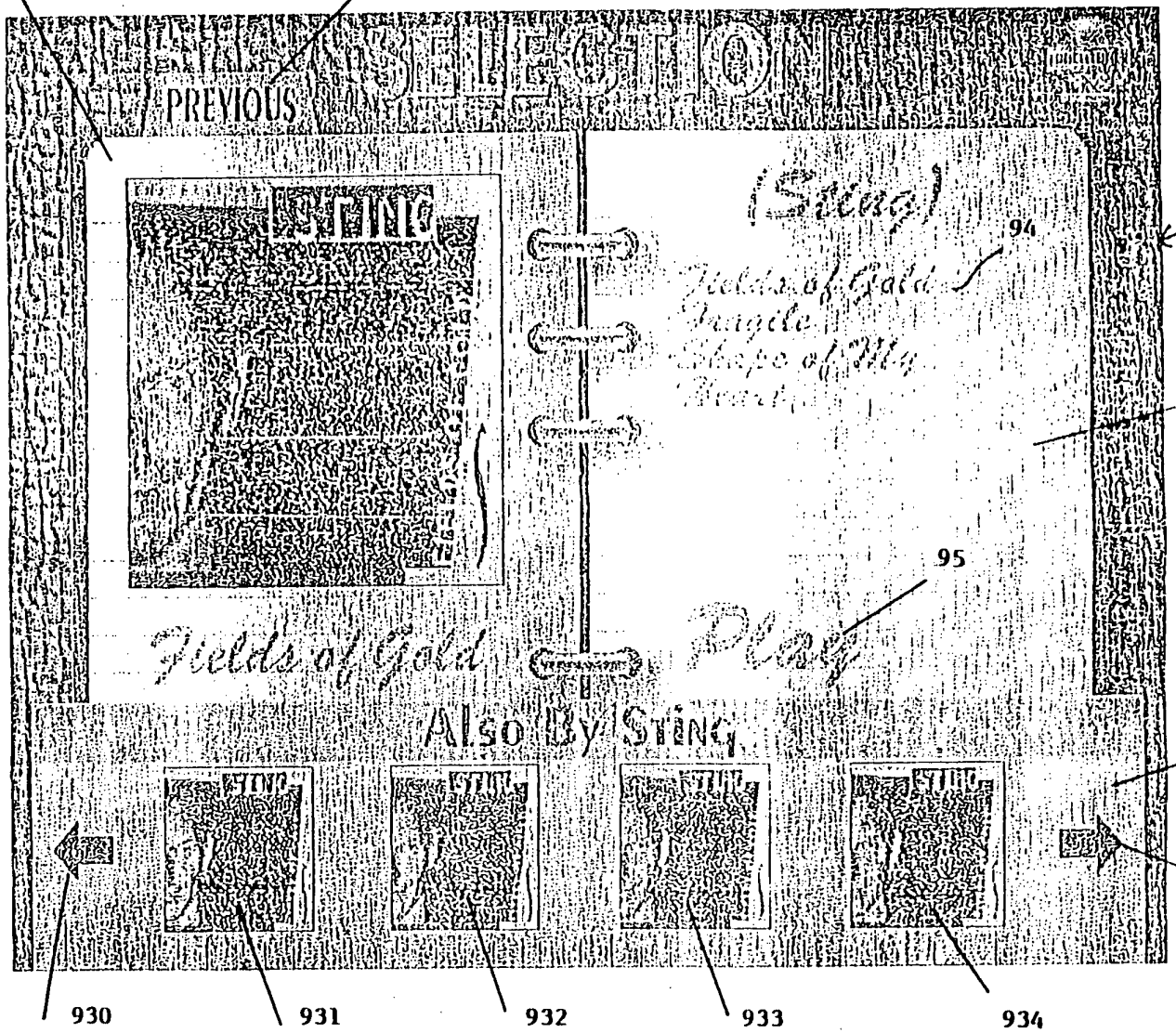
FIG. 8

BEST AVAILABLE COPY

0588540 - 060201

T09290" 0h588860

FIG. 9



BEST AVAILABLE COPY

TO9290 "04588860

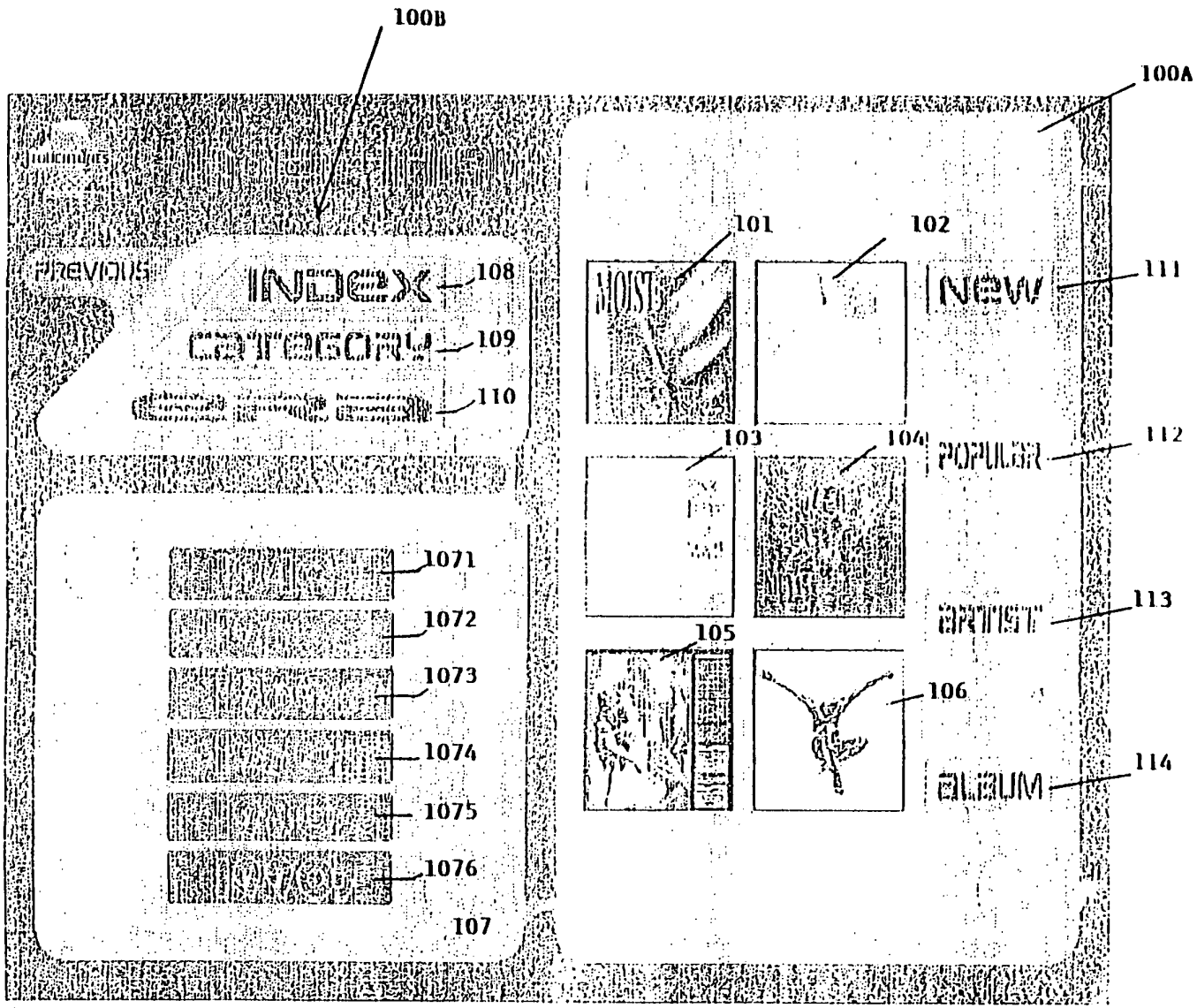


FIG. 10

BEST AV, BEST AVAILABLE COPY

PL 10/10